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Nota di contenuto	Invited Presentations -- The Grand Challenge in Information Technology and the Illusion of Validity -- Metadata and Cooperative Knowledge Management -- Ontology-Driven Conceptual Modeling -- Metadata and Cooperative Knowledge Management -- Web Component: A Substrate for Web Service Reuse and Composition -- Developing Web Applications -- Designing Web-Based Systems in Social Context: A Goal and Scenario Based Approach -- A State Machine Based Approach for a Process Driven Development of Web-Applications -- Knowledge Management -- Supporting Dimension Updates in an OLAP Server -- The COMET Metamodel for Temporal Data Warehouses -- Exploring RDF for Expertise Matching within an Organizational Memory -- Deployment Issues -- Describing and Communicating Software Architecture in Practice: Observations on Stakeholders and Rationale -- The Individual Deployment of Systems Development Methodologies -- Supporting the Deployment of Object-Oriented Frameworks -- Semantics of Information -- A Conceptual Modeling Approach to Semantic Document Retrieval -- Multidimensional Semistructured Data: Representing Context-Dependent Information on the Web -- The Role of Semantic Relevance in Dynamic User Community Management and the Formulation of Recommendations -- System Qualities -- Can We Ever Build Survivable Systems from COTS Components? -- Towards a Data Model for Quality Management Web

Services: An Ontology of Measurement for Enterprise Modeling -- A
 Modelling Approach to the Realisation of Modular Information Spaces
 -- Integration Issues -- Data Integration under Integrity Constraints --
 Babel: An XML-Based Application Integration Framework -- Integrating
 and Rapid-Prototyping UML Structural and Behavioural Diagrams Using
 Rewriting Logic -- Analysis and Adaptation -- Verification of Payment
 Protocols via MultiAgent Model Checking -- SNet: A Modeling and
 Simulation Environment for Agent Networks Based on i* and ConGolog
 -- Usage—Centric Adaptation of Dynamic E—Catalogs -- Retrieval and
 Performance -- Reengineering of Database Applications to EJB Based
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 the Minimum Distance -- A High-Performance Data Structure for
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 Matching Using Machine Learning with Feature Selection -- Evolving
 Partitions in Conceptual Schemas in the UML -- Schema Evolution in
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 Design for Change: Evolving Workflow Specifications in ULTRAflow --
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 Engineering Methods of Diverse Domains -- Role of Model
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 Relationships -- A Generic Role Model for Dynamic Objects --
 Understanding Redundancy in UML Models for Object-Oriented
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 Warehouses from Heterogeneous Multimedia Web Servers -- A Practical
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 Process Inheritance -- Addressing Performance Requirements Using a
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 Temporal Dimensions -- Query Explorativeness for Integrated Search in
 Heterogeneous Data Sources -- Using Nested Tables for Representing
 and Querying Semistructured Web Data -- Defining and Validating
 Measures for Conceptual Data Model Quality -- An Architecture for
 Building Multi-device Thin-Client Web User Interfaces -- A Framework
 for Tool—Independent Modeling of Data Acquisition Processes for Data
 Warehousing -- Managing Complexity of Designing Routing Protocols
 Using a Middleware Approach -- Deferred Incremental Refresh of XML
 Materialized Views -- Requirements for Hypermedia Development
 Methods: A Survey of Outstanding Methods -- An Approach for
 Synergically Carrying out Intensional and Extensional Integration of
 Data Sources Having Different Formats -- DSQL — An SQL for
 Structured Documents Extended Abstract -- A Comparative Study of
 Ontology Languages and Tools -- Life Cycle Based Approach for
 Knowledge Management: A Knowledge Organization Case Study --
 Parallel Query Processing Algorithms for Semi-structured Data --
 Domain-Specific Instance Models in UML -- Extended Faceted
 Ontologies -- On the Logical Modeling of ETL Processes -- Intelligent
 Agent Supported Flexible Workflow Monitoring System -- A Meeting
 Scheduling System Based on Open Constraint Programming.

growing demand for information systems, and ever-growing challenges for Information Systems Engineering. The series of Conferences on Advanced Information Systems Engineering (CAiSE) was launched in Scandinavia by Janis Bubenko and Arne Solvberg in 1989, became an important European conference, and was held annually in major European sites throughout the 1990s. Now, in its 14th year, CAiSE was held for the first time outside Europe, showcasing international research on information systems and their engineering. Not surprisingly, this year the conference enjoyed unprecedented attention. In total, the conference received 173 paper submissions, the highest number ever for a CAiSE conference. Of those, 42 were accepted as regular papers and 26 as short (poster) papers. In addition, the conference received 12 proposals for workshops of which 8 were approved, while 4 tutorials were selected from 15 submissions. The technical program was put together by an international committee of 81 experts. In total, 505 reviews were submitted, with every member of the committee contributing.

Decisions on all submissions were reached at a program committee meeting in Toronto on January 26-27, 2002. Workshop and tutorial proposals were handled separately by committees chaired by Patrick Martin (workshops), and Jarek Gryz and Richard Paige (tutorials). We wish to extend a great "THANK YOU!" to all members of the program and organizing committees for their volunteer contributions of time and expertise. The fact that so many busy (and famous!) people took the trouble to help

us with the organization of this conference and the formation of its technical program speaks well for the future of CAiSE and the field of Information Systems Engineering.
